

# Attachment 13

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## Acronyms and Definitions

5/2/2014

### **Attachment 13: Acronyms and Definitions**

#### **I) Acronyms**

Acronyms Table	
ABA	Architectural Barriers Act
ABS	Acrylonitrile Butadiene Styrene
ACL	Alternative Construction Letter
ADA	Americans with Disabilities Act
APL	Acceptable Performance Level
ASTM	American Society for Testing and Materials
BC	Bar Code
CFL	Compact fluorescent light
CFM	Cubic Feet per Minute
CFR	Code of Federal Regulations
CO	Contracting Officer
COB	Close of Business
CONUS	Contiguous United States and Washington DC
COR	The Contracting Officer's Representative
CPA	Contract Performance Area
CPVC	Chlorinated polyvinyl chlorine
DAPIA	Design Approval Primary Inspection Agency
DR	Discrepancy Report
DWS	Domestic Water System
EPA	Environmental Protection Agency
FCC	Federal Communications Commission

FEMA	Federal Emergency Management Agency
FTR	Federal Travel Regulations
GFCI	Ground Fault Circuit Interrupter
GFE	Government Furnished Equipment
GFI	Ground Fault Interrupter
GPM	Gallons Per Minute
GPS	Global Positioning Satellites
GSA	General Services Agency
HUD	The U.S. Department of Housing and Urban Development
HVAC	Heating, Ventilation, and Air Conditioning
IBC	International Building Code
IBTS	Institute for Building Technology and Safety
IDIQ	Indefinite Delivery Indefinite Quantity
IPIA	In-House Primary inspection Agency
IPR	In Progress Review
IRS	Internal Revenue Service
LED	Lighting emitting Diode
LOG	Logistics
LP	Liquid Propane
MHA	Manufactured Home Accessible(UFAS unit)
MH-	Manufactured Home
MHSS	Manufactured Housing Storage Sites
MHU	Manufactured Housing Unit
MSDS	Material Safety Data Sheet

NEC	National Electrical Code
NEMA	National Electrical Manufacturer Association
NFPA	National Fire Protection Association
NOAA	National Oceanic and Atmospheric Administration
OSHA	Occupational Safety and Health Administration
PA:	Performance Area
PEX:	Cross-linked polyethylene
PHP	Permanent Housing Plan
POC	Point of Connection
PSF	Pounds per square foot
PSI	Pounds per square inch
QA	Quality Assurance
QASP	Quality Assurance Surveillance Plan
QC	Quality Control
QCP	Quality Control Plan
RFD	Ready for Dispatch/Deployment
RoHS	Restriction of Hazardous Substances
SFHA	Special Flood Hazard Area
SIP:	Structural Insulated Panels
SN	Serial Number
SOP	Standard Operating Procedure
SOW	Statement of Work
TO	Task Orders
TOPA	Task Orders Performance Area

UFAS	Uniform Federal Accessibility Standards
UPC	Uniform Plumbing Code
UPS	Uninterrupted Power Supply
VIN	Vehicle Identification Number
VOC	Volatile organic compound

## II- Definitions

Item	Definition
ABA	An Act of Congress stating that facilities designed, built, altered, or leased with funds supplied by the US Federal Government be accessible to the public
ADA	A wide-ranging civil rights law that prohibits discrimination based on disability.
ASTM	Develops international standards for materials, products, systems and services used in construction, manufacturing and transportation.
Binding methods	a) Saddle-Stitching is a method of securing loose printed pages with staples down the middle of a folded sheaf of papers. Many booklets are saddled-stitched. Side-stitching is a similar method where the pages are stapled about 1/4" from the spine. b) Comb Binding: Plastic comb binding books have the ability to open flat for easy copying and can be easily opened and closed with a comb binding machine for editing purposes. c) Coil Binding: Spiral coil binding involves winding a single piece of pre-coiled plastic binding onto the edge of your book. Coil bound documents can open flat and can also wrap around for easy copying and reading. d) Twin Loop Wire Binding: Twin Loop Wire binding is a popular binding that uses Twin loop wire binding comes out of the package in a C shape and a wire binding machine is used to close the wire binding so that it is round e) Velo Binding: involves punching 11 small holes along the edge of an unbound book. A strip of plastic with rigid tines is inserted into the holes from the top of the book, and a strip with corresponding holes is placed on the back with the tines protruding through. The book is then placed in a machine that holds the book tightly while the excess length of the tines is cut and the tips heated and melted to seal the bind and f)perfect binding: Book binding- The type of binding used on paper back books
CFR	The codification of the general and permanent rules and regulations published in the Federal Register by the executive departments and agencies of the US Federal Government
CONUS	Unit that could be deployed to the contiguous USA (refers to the 48 adjoining U.S. states on the continent of North America and D.C.)

Design Approval Primary Inspection Agency (DAPIA)	Defined in 24 C.F.R. § 3282.361 and is responsible for evaluating all manufactured home designs submitted to it by the manufacturer and for assuring that they conform to the standards. DAPIA is also responsible for evaluating all quality control programs submitted to it by the manufacturer by reviewing the quality assurance manuals in which the programs are set out. This is to assure that the manuals reflect programs which are compatible with the designs to be followed and commit the manufacturer to make adequate inspections and tests of every part of every manufactured home produced.
Flashing	Sheet metal or other material used to seal around penetrations to resist water/moisture intrusion.
Hidden defects	It is a defect/issue found during the initial install of the MHU. These defects are defects that cannot be found while performing the Acceptance Inspection (Visual Scan).
House wrap	Defines all synthetic replacement materials for sheathing tar paper. These materials are all lighter in weight and usually wider than asphalt designs, so contractors can apply the material much faster to a house shell. House wrap functions as a weather-resistant barrier, preventing rain from getting into the wall assembly while allowing water vapor to pass to the exterior. If moisture from either direction is allowed to build up within stud or cavity walls, mold and rot can set in and fiberglass or cellulose insulation will lose its R-value due to heat-conducting moisture. House wrap may also serve as an air barrier if it is sealed carefully at the seams.
HUD	A cabinet department in the Executive branch of the US Federal Government that develops and executes policies on housing and metropolises.
HUD Certification Label/Tag	The tag is a 2x4" aluminum insignia plate that is attached to the lower rear corner of each transportable unit. The first three alpha characters identify the third-party independent inspection agency (IPIA) that inspected the home while it was under construction. A series of 6-7 numbers follow the IPIA. While the numbers are generally sequential on multiple units, this is not a requirement. The HUD Label is essentially the Social Security Number of the manufactured home and will tell you the manufacturer, the date of manufacture, and where the home was shipped to. All FHA-insured loans will require proof of the HUD Label number. If a label is missing or unreadable, most lenders will accept an Institute for Building Technology and Safety (IBTS) letter.
HUD-Code home	A home meeting the U.S. Department of Housing and Urban Development's standards for new manufactured homes known as the Manufactured Home Construction and Safety Standards. HUD has regulated the design and construction of manufactured homes, formerly known as mobile homes, since June 15, 1976, to a specific performance code. This is called a preemptive code because it preempts all local building codes for these single-family dwellings. The Federal program includes the monitoring of third parties involved in the design review and inspection process, but excludes the actual installation of the

	homes. Some states inspect every installation, while others transfer the responsibility to local jurisdictions or not at all. Every HUD home has a special label (HUD Label/Tag) affixed on the exterior of the home indicating that the home has been designed, constructed, tested and inspected to comply with the stringent federal standards set forth in the code. No manufactured home may be shipped from the factory unless it complies with the HUD Code and receives a certification label from an independent third party inspector.
Ice and Water Shield (barrier)	A waterproof membrane that adheres to the deck of your roof or siding. The membrane resists water penetration due to water back-up behind ice dams or wind driven rain. It also offers leak protection in trouble prone spots like valleys, skylights, protrusions and other flashing areas.
IPIA	A third party agency that inspects each manufactured home within the factory setting to make sure the construction standards comply with the national code.
Manufactured Home (MH)	A dwelling unit fabricated in an off-site manufacturing facility for installation or assembly at the building site, bearing a label certifying it is constructed in compliance with the federal Manufactured Home Construction and Safety Standards making it a HUD home.
MSDS:	An important component of product stewardship and occupational safety and health that is intended to provide workers and emergency personnel with procedures for handling or working with that substance in a safe manner.
NEC	The regionally adoptable standard for the safe installation of electrical wiring and equipment in the US.
NEMA	The association of electrical equipment and medical imaging manufacturers in the United States.
NFPA:	A United States (with some international members) trade association that creates and maintains private, copyrighted, standards, and codes for usage and adoption by local governments.
Outrigger	An integral part of the chassis, the outrigger projects laterally from the longitudinal frame members. On many manufactured homes, the outriggers are generally placed about 8' on center and give strength to the exterior walls.
Road Ready Condition	Units that are in transportable condition (for example, no flat tires, no damaged axles, etc.) and meet all the requirements in the contract/solicitation.
R-VALUE	A measurement or rating of the capacity of a material, such as insulation, to impede heat flow, with increasing values indicating a greater capacity.
Slop	The fall (pitch) of a line of pipe in reference to a horizontal plane. In drainage, the slope is expressed as the fall in units vertical per unit horizontal (percent) for a length of pipe.
UFAS	UFAS sets standards for facility accessibility by physically handicapped persons for Federal and federally-funded facilities. These standards are to be applied during the design, construction, and alteration of buildings and facilities to the extent required by the Architectural Barriers Act of 1968, as amended.
UFAS Unit	A Manufactured Home that meets UFAS standards.

Vent	Openings in the skirting to provide under-floor ventilation
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